

Appln No. 09/982,984

Amdt date November 21, 2003

Reply to Office action of August 21, 2003

REMARKS/ARGUMENTS

Claims 1-30 are pending, claims 1, 9, and 19 are amended. The specification is also amended to more clearly describe FIG. 11. No new matter is added.

Claims 2-4, 10-12, 17, 18, 20, 21, 23, 24, 29 and 30 are allowable if rewritten in independent form. Claims 1-30 are rejected on the grounds of obvious-type double patenting over claims 1-12 of U.S. Patent No. 6,459,196, claims 1-30 are rejected on the grounds of obvious-type double patenting over claims 1-14 of U.S. Patent No. 6,160,344. Claims 1-30 are provisionally rejected on the grounds of obvious-type double patenting over claims 1-4 of co-pending application no. 09/918,634; and claims 1-30 are provisionally rejected on the grounds of obvious-type double patenting over claims 1-27 of co-pending application no. 09/983,003. In response, Applicants are filing herewith suitable terminal disclaimers, and respectfully request that the above rejection be withdrawn.

Claims 1, 5-9, 13-16, 19, 22 and 25-28 are rejected under 35 U.S.C. 102(b) as being fully anticipated by Kawamura et al. (US 5,216,321); and claims 1, 5-9, 13-16, 19, 22 and 25-28 are rejected under 35 U.S.C. 102(b) as being fully anticipated by Mokoto (JP6,36710). Applicants submit that all of the claims currently pending in this application are patentably distinguishable over the cited references, and reconsideration and allowance of this application are respectfully requested.

The independent claims 1, 9, and 19 include, among other limitations, "the horizontal axis, the vertical axis, and the diagonal axis go through a central portion of the effective

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screen [phosphor, in claim 1]," and "a length from the central portion of the effective screen [phosphor, in claim 1] to a point where a vertical side line of the effective screen [phosphor, in claim 1] intersects the horizontal axis is less than a length of a shortest distance from the vertical axis of the effective screen [phosphor, in claim 1] to a point where the vertical side line intersects the diagonal axis."

"Accordingly, when both vertical side lines of the phosphor screen 15 are formed to be concave . . . , the convex image can be corrected." See, page 14, line 17-19 of the substitute specification.

Kawamura discloses a shadow mask type CRT. However, Applicants are unable to find any disclosure in Kawamura about "a length from the central portion of the effective screen [phosphor, in claim 1] to a point where a vertical side line of the effective screen [phosphor, in claim 1] intersects the horizontal axis is less than a length of a shortest distance from the vertical axis of the effective screen [phosphor, in claim 1] to a point where the vertical side line intersects the diagonal axis," as required by the independent claims 1, 9, and 19.

Similarly, Applicants are unable to find any teaching in Makoto about "a length from the central portion of the effective screen [phosphor, in claim 1] to a point where a vertical side line of the effective screen [phosphor, in claim 1] intersects the horizontal axis is less than a length of a shortest distance from the vertical axis of the effective screen [phosphor, in claim 1] to a point where the vertical side line

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intersects the diagonal axis," as required by the independent claims 1, 9, and 19.

As a result, the independent claims 1, 9, and 19 are not anticipated by either of the cited references.

In short, the independent claims 1, 9, and 19 define a novel and unobvious invention over the cited references. Dependent claims 2-4, 10-12, 17, 18, 20, 21, 23, 24, 29 and 30 have been deemed allowable. The remaining dependent claims 5-8, 13-16, 22 and 25-28 are dependent from claims 1, 9, and 19, respectively and therefore include all the limitations of their respective independent claims and additional limitations therein. Accordingly, these claims are also allowable over the cited references, as being dependent from allowable independent claims 1, 9 and 19, and for the additional limitations they include therein.

In view of the foregoing amendments and remarks, it is respectfully submitted that this application is now in condition for allowance, and accordingly, reconsideration and allowance are respectfully requested.

Respectfully submitted,
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